



KANSAS CORPORATION COMMISSION 1045722  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31569  
Name: Bach, Jason dba Bach Oil Production  
Address 1: PO BOX 723  
Address 2: \_\_\_\_\_  
City: ALMA State: NE Zip: 68920 + 0723  
Contact Person: Jason Bach  
Phone: ( 308 ) 928-8920  
CONTRACTOR: License # 33493  
Name: American Eagle Drilling LLC  
Wellsite Geologist: Randall Kilian  
Purchaser: NCRA

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SIOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_  
9/21/2010 9/27/2010 10/05/2010  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-163-23896-00-00  
Spot Description: \_\_\_\_\_  
SW SE NE NE Sec. 27 Twp. 6 S. R. 20  East  West  
1,000 Feet from  North /  South Line of Section  
620 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rooks  
Lease Name: Dellenbach Well #: 1  
Field Name: Locelea  
Producing Formation: LKC  
Elevation: Ground: 2116 Kelly Bushing: 2123  
Total Depth: 3676 Plug Back Total Depth: 3658  
Amount of Surface Pipe Set and Cemented at: 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 3673  
feet depth to: 0 w/ 550 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 8000 ppm Fluid volume: 300 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 12/30/2010



1045722

Operator Name: Bach, Jason dba Bach Oil Production Lease Name: Dellenbach Well #: 1  
 Sec. 27 Twp. 6 S. R. 20  East  West County: Rooks

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  <small>DI Comp N-D Micro</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
--	--

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	219	60/40	150	3% CC/2% Gel
Production	7.875	5.50	14	3673	AMD	550	10% Salt/2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	'J' @ 3519' to 3526'	300 gal 15% MCA; retreat 1000 gal 20% NEFE	

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3636'</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/10/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
Estimated Production Per 24 Hours	Oil Bbls. <u>50</u> Gas Mcf <u> </u> Water Bbls. <u>25</u> Gas-Oil Ratio <u> </u> Gravity <u>36</u>

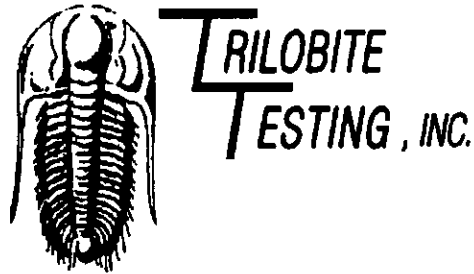
DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>LKC</u>
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Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Dellenbach 1
Doc ID	1045722

Tops

Anhydrite	1714'	+409
Base Anhydrite	1745'	+378
Topeka	3116'	-993
Heebner Shale	3317'	-1194
Toronto	3339'	-1216
Lansing	3354'	-1231
BKC	3558'	-1435
Arbuckle (RW)	3594'	-1471
Arbuckle	3608'	-1485
TD	3676'	-1553

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## DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723  
Alma, Ne 68920-0723

ATTN: Jason Bach

**27-6s-20w Rooks,Ks**

**Dellenbach #1**

Start Date: 2010.09.25 @ 21:04:34

End Date: 2010.09.26 @ 03:08:28

Job Ticket #: 40149                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

**EM TEST REPORT**

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**Dellenbach #1**

**27-6s-20w Rooks, Ks**

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

**GENERAL INFORMATION:**

Formation: **Tor-LKC "D"**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 23:15:59  
 Time Test Ended: 03:08:28  
 Interval: **3315.00 ft (KB) To 3420.00 ft (KB) (TVD)**  
 Total Depth: **3420.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**  
 Tester: **Ray Schwager**  
 Unit No: **42**  
 Reference Elevations: **2123.00 ft (KB)**  
**2118.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

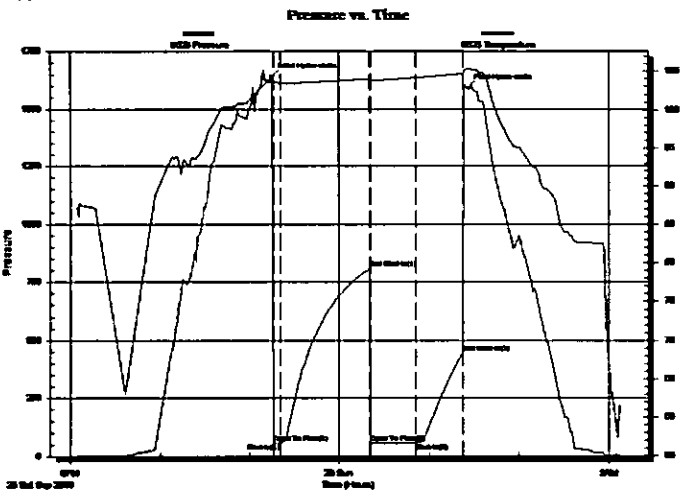
**Serial #: 6625**

**Inside**

Press@RunDepth: **56.98 psig @ 3324.00 ft (KB)**  
 Start Date: **2010.09.25** End Date: **2010.09.26**  
 Start Time: **21:04:34** End Time: **03:08:28**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.09.26**  
 Time On Btm: **2010.09.25 @ 23:14:29**  
 Time Off Btm: **2010.09.26 @ 01:25:58**

TEST COMMENT: IFF-w k bl 1/4"  
 ISIP-no bl  
 FFP-no bl  
 FSIP-no bl



**PRESSURE SUMMARY**

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.05	103.90	Initial Hydro-static
2	56.52	103.64	Open To Flow (1)
6	56.22	103.45	Shut-in(1)
66	809.48	104.01	End Shut-in(1)
67	56.00	103.84	Open To Flow (2)
97	56.98	104.15	Shut-in(2)
128	447.25	104.68	End Shut-in(2)
132	1588.22	105.29	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
5.00	mud w/show of oil	0.07

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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**Dellenbach #1**

**27-6s-20w Rooks,Ks**

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

**Tool Information**

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 46.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3315.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3295.00	
Shut In Tool	5.00			3300.00	
Hydraulic tool	5.00			3305.00	
Packer	5.00			3310.00	21.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	8.00			3324.00	
Recorder	0.00	6625	Inside	3324.00	
Recorder	0.00	8652	Outside	3324.00	
Blank Spacing	63.00			3387.00	
Perforations	30.00			3417.00	
Bullnose	3.00			3420.00	105.00 Bottom Packers & Anchor

**Total Tool Length: 126.00**

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**Dellenbach #1**

**27-6s-20w Rooks, Ks**

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

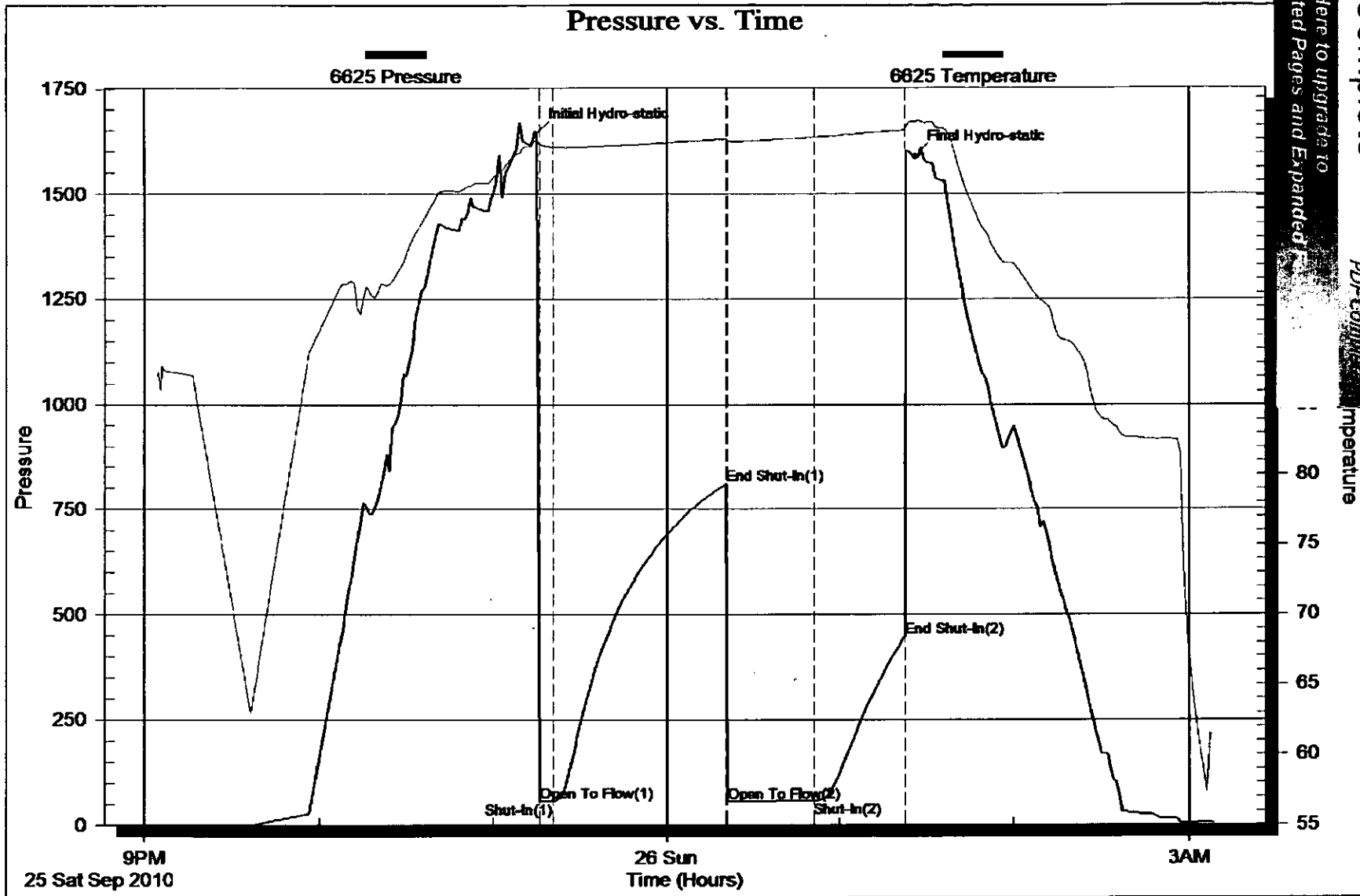
Length ft	Description	Volume bbl
5.00	mud w/show of oil	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:




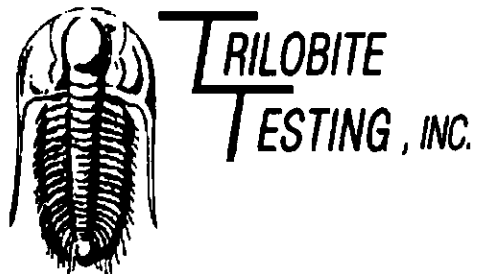
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## DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723  
Alma, Ne 68920-0723

ATTN: Jason Bach

**27-6s-20w Rooks,Ks**

**Dellenbach #1**

Start Date: 2010.09.26 @ 15:49:13

End Date: 2010.09.27 @ 00:40:38

Job Ticket #: 40150                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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**Dellenbach #1**

**27-6s-20w Rooks, Ks**

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

**GENERAL INFORMATION:**

Formation: **LKC I-L**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 18:13:08  
 Time Test Ended: 00:40:38  
 Interval: **3466.00 ft (KB) To 3560.00 ft (KB) (TVD)**  
 Total Depth: **3560.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**  
 Tester: **Ray Schwager**  
 Unit No: **42**

Reference Elevations: **2123.00 ft (KB)**  
**2118.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

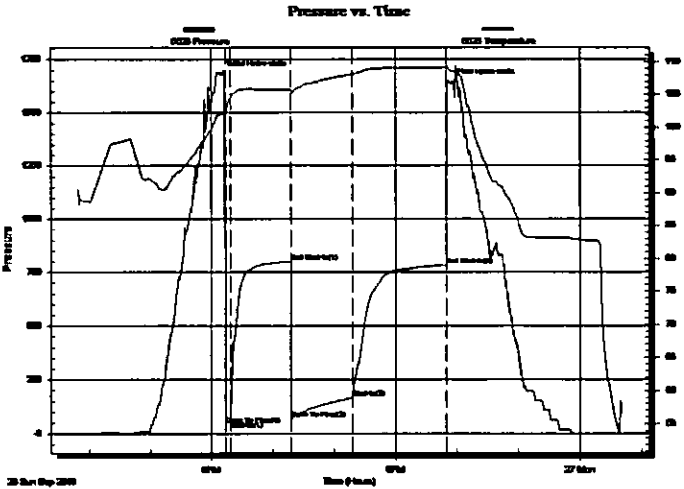
**Serial #: 6625**

**Inside**

Press@RunDepth: **168.32 psig @ 3473.00 ft (KB)**  
 Start Date: **2010.09.26** End Date: **2010.09.27**  
 Start Time: **15:49:13** End Time: **00:40:38**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.09.27**  
 Time On Btm: **2010.09.26 @ 18:09:38**  
 Time Off Btm: **2010.09.26 @ 21:54:37**

**TEST COMMENT:** IFF-w k to strg in 4 min  
 ISIP-no bl bk  
 FFF-w k to strg in 4 min  
 FSI-2 1/2" bl bk



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1680.28	101.99	Initial Hydro-static
4	43.21	102.11	Open To Flow (1)
9	60.77	104.36	Shut-in(1)
68	801.12	105.77	End Shut-in(1)
68	67.29	105.59	Open To Flow (2)
128	168.32	108.04	Shut-in(2)
220	782.97	109.04	End Shut-in(2)
225	1639.74	108.60	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	840'GIP	0.00
215.00	CO	3.02
186.00	MGO 20%G20%M60%O	2.61

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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# EM TEST REPORT

## TOOL DIAGRAM

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Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

### Tool Information

Drill Pipe:	Length: 3458.00 ft	Diameter: 3.80 inches	Volume: 48.51 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<b>Total Volume: 48.51 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3466.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3446.00	
Shut In Tool	5.00			3451.00	
Hydraulic tool	5.00			3456.00	
Packer	5.00			3461.00	21.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Perforations	6.00			3473.00	
Recorder	0.00	6625	Inside	3473.00	
Recorder	0.00	8652	Outside	3473.00	
Blank Spacing	64.00			3537.00	
Perforations	20.00			3557.00	
Bullnose	3.00			3560.00	94.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>115.00</b>				



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## FLUID SUMMARY

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Dellenbach #1

27-6s-20w Rooks, Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

### Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	34 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbf		
Water Loss:	8.67 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	840'GIP	0.000
215.00	CO	3.016
186.00	MGO 20%G20%M60%O	2.609

Total Length: 401.00 ft      Total Volume: 5.625 bbf

Num Fluid Samples: 0

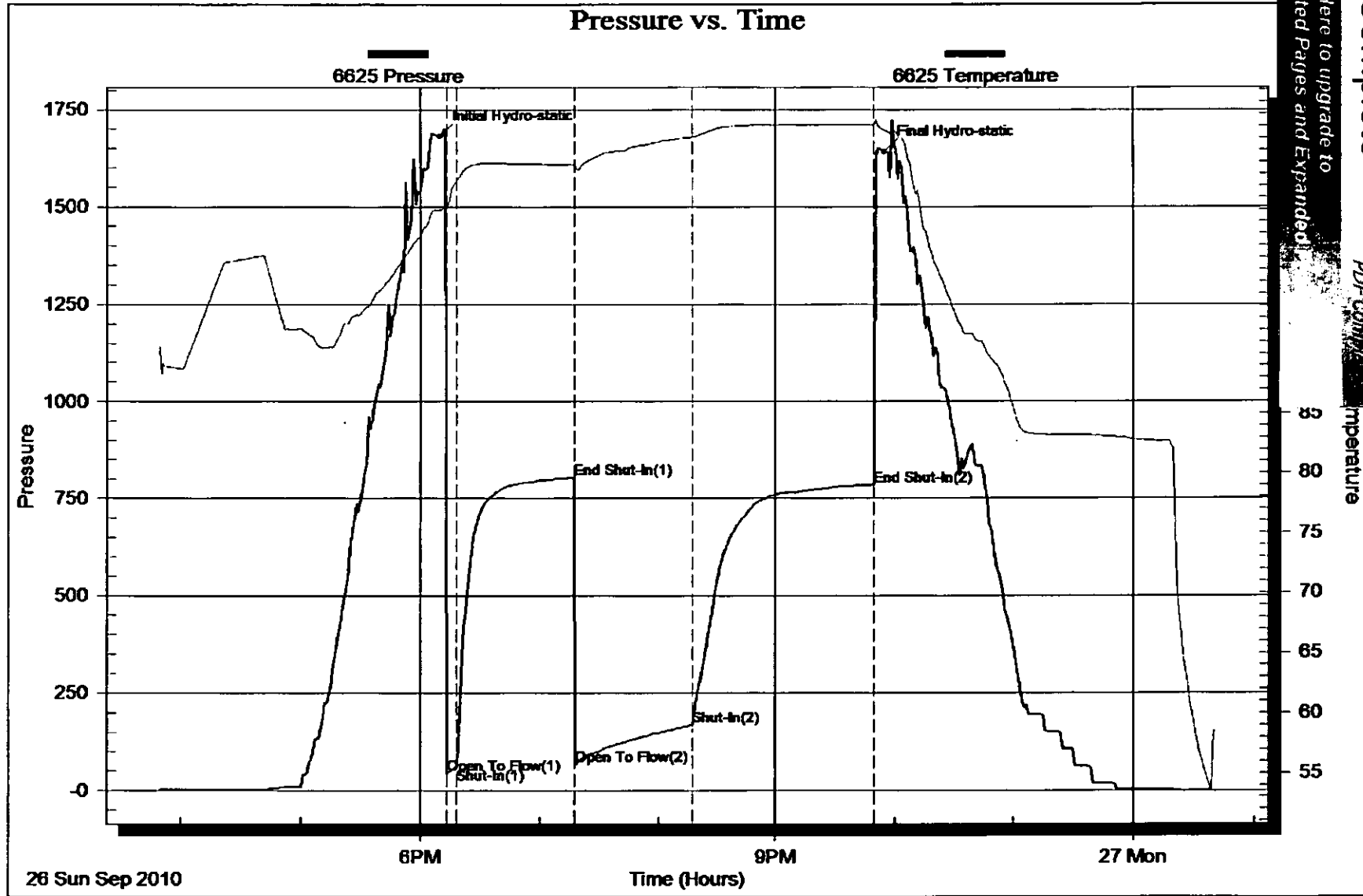
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 124533

Invoice Date: Sep 22, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Bach Oil Production R. R. #1 Box 28 Phillipsburg, KS 67661

<b>Customer ID</b>	<b>Well Name or Customer P.O.</b>	<b>Payment Terms</b>	
Bach	Dellenbach #1	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS1-01	Russell	Sep 22, 2010	10/22/10

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	13.50	1,215.00
60.00	MAT	Pozmix	7.55	453.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
50.00	MAT	Sugar	1.10	55.00
150.00	SER	Handling	2.25	337.50
50.00	SER	Mileage 150 ex @ .10 per sk per mi	15.00	750.00
1.00	SER	Cement Surface	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 893.95

ONLY IF PAID ON OR BEFORE  
Oct 17, 2010

Subtotal	4,469.75
Sales Tax	149.01
Total Invoice Amount	4,618.76
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,618.76</b>

# ALLIED CEMENTING CO., LLC. 041949

ATTN: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE	9-22-10	SEC.	27	TWP.	69	RANGE	20W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
										1:00 AM	1:30 AM
LEASE	Dellen Bach		WELL #	1		LOCATION	OLD 24 + Logan RD.		COUNTY	Logan	
STATE			STATE			LOCATION	S N 1314 E 1/4 S 14 T20		COUNTY	KANSAS	
OLD OR NEW	(Circle one)										

CONTRACTOR American Eagle Rig # OWNER \_\_\_\_\_

TYPE OF JOB Cement Surface

HOLE SIZE 12 1/4 T.D. 219'

CASING SIZE 8 7/8 DEPTH 218'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 BB

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Glenn

# 398 HELPER Heath

BULK TRUCK

# 410 DRIVER Ron

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT			
AMOUNT ORDERED	<u>150</u>	<u>SX</u>	<u>60/40</u>
	<u>38.00</u>	<u>CC</u>	
	<u>2%</u>	<u>GEL</u>	<u>50 SUGAR</u>
COMMON	<u>90</u>	@	<u>1350</u> <u>1215.00</u>
POZMIX	<u>60</u>	@	<u>750</u> <u>450.00</u>
GEL	<u>3</u>	@	<u>20.25</u> <u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u> <u>257.50</u>
ASC		@	
Sugar	<u>50#</u>	@	<u>1.10</u> <u>55.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>150</u>	@	<u>2.25</u> <u>337.50</u>
MILEAGE	<u>.104</u>	<u>\$/mi</u>	<u>750.00</u>
TOTAL			<u>2910.00</u>
			<u>3623.75</u>

REMARKS:

Ran 5 new JTS 8 7/8 #SG,

set @ 218', Load Hole + Reamed

circulation, Hook-up to

Pump Truck & mixed 150s x

Cement & dispensed 1320 WATER

Cement did circulate

to surface, THANKS

CHARGE TO: Jason Bush Oil Co

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>50</u>	@ <u>70</u> <u>350.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>1341.00</u>

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____

To Allied Cementing Co., LLC.



PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 124628

Invoice Date: Sep 28, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Bach Oil Production R. R. #1 Box 28 Phillipsburg, KS 67661

<b>Customer ID</b>	<b>Well Name / or Customer P.O.</b>	<b>Payment Terms</b>	
Bach	DellenBach #1	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS2-02	Russell	Sep 28, 2010	10/28/10

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	13.50	1,215.00
60.00	MAT	Pozmix	7.55	453.00
3.00	MAT	Gel	20.25	60.75
400.00	MAT	AMD	22.95	9,180.00
6.00	MAT	Salt	21.25	127.50
550.00	SER	Handling	2.25	1,237.50
50.00	SER	Mileage 550 ex @ .10 per sk per mi	55.00	2,750.00
1.00	SER	Production String	1,957.00	1,957.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	5.5 Float Shoe	214.00	214.00
1.00	EQP	6.5 Latch Down Plug Assembly	164.00	164.00
12.00	EQP	5.5 Centralizer	35.00	420.00
4.00	EQP	5.5 Basket	161.00	644.00

<p>ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF</p> <p><b>\$ 3,754.88</b></p> <p>ONLY IF PAID ON OR BEFORE Oct 23, 2010</p>	<b>Subtotal</b>	18,772.75
	<b>Sales Tax</b>	788.13
	<b>Total Invoice Amount</b>	19,558.88
	<b>Payment/Credit Applied</b>	
	<b>TOTAL</b>	19,558.88



# ALLIED CEMENTING CO., LLC. 041754

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell Ks.

DATE <u>9-28-10</u>	SEC. <u>27</u>	TWP. <u>6S</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>Dellenbach Well # 1</u>			LOCATION <u>Hogan Ks 9 S 2E 4R</u>		COUNTY <u>Lincoln</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)						ROCKS	

CONTRACTOR <u>American Eagle Rig #2</u>	OWNER
TYPE OF JOB <u>PRODUCTION STRING (Cipe Gant)</u>	
HOLE SIZE <u>7 7/8</u> I.D. <u>36 7/16</u>	CEMENT
CASING SIZE <u>5 1/2 New</u> DEPTH <u>3675'</u>	AMOUNT ORDERED <u>150 sx 40 10% salt 28 Gal</u>
TUBING SIZE <u>14 # CSG</u> DEPTH	<u>5 # GILSONITE PER SX</u>
DRILL PIPE DEPTH	<u>400 sx A.M.D.</u>
TOOL LATCH <u>Down Plug Assy</u> DEPTH @ <u>3672'</u>	
PRES. MAX MINIMUM	COMMON <u>90</u> @ <u>17.5</u> <u>1575.00</u>
MEAS. LINE SHOE JOINT <u>13.00</u>	POZMIX <u>60</u> @ <u>7.5</u> <u>450.00</u>
CEMENT LEFT IN CSG. <u>13.00</u>	GEL <u>3</u> @ <u>20.25</u> <u>60.75</u>
PERFS.	CHLORIDE @
DISPLACEMENT <u>89.36 / 1881</u>	ASC @
EQUIPMENT	<u>AMO 400</u> @ <u>22.95</u> <u>9180.00</u>
	<u>Salt 6</u> @ <u>21.25</u> <u>127.50</u>

PUMP TRUCK CEMENTER <u>GILLEN</u>
# <u>417</u> HELPER <u>Heath</u>
BULK TRUCK
# <u>481</u> DRIVER <u>DAN</u>
BULK TRUCK
# <u>410</u> DRIVER <u>RON</u>

HANDLING <u>550</u>	@ <u>2.25</u>	<u>1237.50</u>
MILEAGE <u>114.14 / mile</u>		<u>2750.00</u>
		TOTAL <u>15027.25</u>

REMARKS:  
Ran @ JTS New 5 1/2 - 14 # CSG, Set @ 3675'  
Lead CSG + Received Circulation 1-HR.  
Mixed 400 sx AMO Followed by 150 sx 40  
10% salt, 28 Gal, 5 # Gilsonite Per sx Clear Line  
Release LATCH DOWN Plug + Displace 89' BOL  
Water, Lead LATCH DOWN Plug @ 1500 #  
Cement DID CIRCULATE TO SURFACE.  
30 SX @ Rathole. THANKS

SERVICE		
DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1952.00</u>
EXTRA FOOTAGE @		
MILEAGE <u>50</u> @ <u>7.00</u>		<u>350.00</u>
MANIFOLD @		
		TOTAL <u>2307.00</u>

CHARGE TO: Jason Bach Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT		
<u>1-FLOAT Shoe</u>		<u>214.00</u>
<u>1-LATCH DOWN Plug Assy</u>	@	<u>164.00</u>
<u>12-CENTRALIZERS</u>	@ <u>35.00</u>	<u>420.00</u>
<u>4-BASKETS</u>	@ <u>161.00</u>	<u>644.00</u>

To Allied Cementing Co., LLC.

**Randall Kilian Corporation**

**Geologist**



**Certified Petroleum  
Geologist #3351  
License #224**

P.O. Box 26  
Hays, Kansas 67601-0026  
Phone: 785-628-6061  
Cell: 785-635-1349

### **GEOLOGIST'S WELL REPORT**

COMPANY BACH OIL PRODUCTION (31569)

WELL Dellenbach #1

FIELD Loclela

LOCATION (Legal) Ap. SW SE NE NE  
(1000' FNL & 620' FFL)

Section 27 TWP 6S RGE 20W

(Map) 10 mi S & 2 mi E of Logan, Ks.

COUNTY Rooks STATE Kansas

ELEVATION: 2123' K.B., 2116' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-23896

GEOLOGY BY Randall Kilian

## PERTINENT WELL DATA

CONTRACTOR American Eagle Drilling LLC (33493)

RIG H2 HYDRAULICS D-375 6x14x60  
(Todd Mersch TP)

DRILL PIPE 4 1/2" X-H COLLARS 6" 14 (468')

CASING: SURFACE 8 5/8" @ 207' w/ 150 sx Common

PRODUCTION 5 1/2" @ 3672' w/ 550 sx ALHD

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.  
(Kirk Werth)

TYPE: Chemical & Drispac

REMARKS: Full service Steel Pits

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.  
(Ray Schwager)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 3100' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3075' TO RTD

SAMPLE TIME FROM 3100' TO RTD

SUPERVISION FROM 3100' TO RTD

VERTICAL DEVIATION 1° @ 219', 3/4° @ 1719', 1/2° @  
3420', 1° @ 3675'

PLUGGING REPORT 30 sx Rat

RESERVE PIT 200 hbbls., Chl. 8,000



### DRILL STEM TESTS

NO	INTERVAL	FT/TIME	IS/TIME	FF/TIME	FS/TIME	HP/FP	RECOVERY
1	IBF-D 3315- 3420'	56# 56# 5"	80# 60"	56# 56# 30"	447# 30"	1641# 1688#	5' Mud w/ s.o.
2	LKc H-L 3466- 3560'	43# 60# 5"	801# 60"	67# 168# 60"	782# 90"	1680# 1639#	840' GIP 401' M,G,Oil 34°
3							
4							
5							
6							
7							
8							

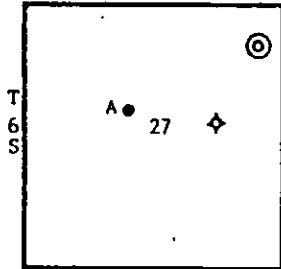
MUD RECORD						
CHK	DEPTH	WT	VIS	FL	CHL	YP
1	3026'					
2	3088'	8.7	56			
3	3225'	8.9	52			
4	3288'	9.1	52	8.8	800	13
5	3410'	9.2	54			
6	3494'	9.4	47	8.8	1k	16
7	3580'	9.2	50			
8	3675'	9.3	48	8.0	1.1k	16
9						
10						
11						

Displace  
LCM 2#  
LCM 1#  
LCM 1#  
LCM 2# \$703.

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	1 1/2"	JZ	RR	219'	219'	3
2	7/8"	JZ	OM20J	3675'	3456'	62 1/2
3						
4						
5						
6						
7						

# FORMATION TOPS & STRUCTURAL GEOLOGY

R 20 W



**REFERRED TO:**

A: BACH OIL PRODUCTION  
Loc #3 NW SE SE NW 27

B: \_\_\_\_\_

C: \_\_\_\_\_

D: \_\_\_\_\_

E: \_\_\_\_\_

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1716'	1714'	+ 409	+ 405				
Base	1747'	1745'	+ 378	+ 376				
Topeka	3117'	3116'	- 993	- 996				
Heeb. Sh.	3317'	3317'	-1194	-1191				
Tor.	3345'	3339'	-1216	-1219				
Lans.	3356'	3354'	-1231	-1231				
BKc.	3558'	3558'	-1435	-1430				
Arb. (RW)	3594'	3594'	-1471	-1466				
Arbuckle	3609'	3608'	-1485	-1479				
TD	3675'	3676'	-1553	-1524				

Pipe strap 1.24' short

Structural position of subject well as compared to referred well.

**SUMMARY**

The Dellenbach #1 well was drilled with American Engle Drilling tools rig #2 beginning 9-21-10 and drilling was completed 9-27-10.

The drillsite was located via a 3-D seismic survey.

The well ran flat to about 6' low structurally to the Iela #3. No upper LKc zones developed quality reservoirs. However, the LKc J zoned developed and DST'ed gas & oil.

Oil shows were encountered in several LKc zones and Arbuckle.

Based upon all data, 5 1/2" casing was set and cemented to further test and produce the well.

Recommended perfs: LKc J 3519-25'  
Before abandoning: Arb 3613-15, LKc J 3503-06', F 3435-37', F 3421-24', and Toronto 3339-42'.

Respectfully,

*Randy*  
Randall Kilian

DRILLING TIME (min/ft)						# & SHOWS	LITHOLOGY (LOGGED)	REMARKS
1/2	1	2	3	4	5	6		
					5678910	8 8 8 8		
20								
30								
40								
50								
								Displaced @ 3026'
30								
40								
50								stud Vis-36 wt-87 ACM-24
60							SS - tan. grey - brn	
70							LS - tan. brn. grey. fa. sh. fossil. 8.06.11/	
80							sh. grey	
90							LS - tan. brn. grey. fa. sh. fossil.	
100							LS - tan. brn. grey. fa. sh. fossil.	
110							sh. grey	
120							LS - tan. brn. grey. fa. sh. fossil.	
130							sh. grey	
140							LS - tan. brn. grey. fa. sh. fossil.	
150							sh. grey	
160							LS - tan. brn. grey. fa. sh. fossil.	



	ls. Tan. + grey. U.S. to. Vln	
	sh. dark grey blk	
	sltst. ss. gray. Vln. gen. grey d. ch. sh. grey. blk	Mud U.S. - 52 wt. - 8.9
	ls. Tan. blk. + grey. to. Vln. small sh. ch. blk	
	sh. blk. grey. blk.	
	sh. blk. grey.	
	ls. Tan. + grey. to. Vln. fossil. small sh. blk. + grey. to. Vln. small sh. blk. + grey. to. Vln.	
	ls. blk. + grey. to. Vln. fossil. small sh. blk. + grey. to. Vln. small sh. blk. + grey. to. Vln.	Mud U.S. - 51. VP - 13 WT. - 9.1 C.M. - 800 WT. - 8.8 LCM - 128
	ls. blk. + grey. to. Vln. A	geom location 11:00 am 9-25-10
	sh. blk. carb. ls. blk.	
	ls. Tan. to. Vln	357.87 Top-D 3315.3420 5° 40' 30" 30"
	sh. sltst. grey. blk. gen.	5' Mud wt 30 F.P. 56-56, 56-56" S.I.P. 809-9474
	ls. blk. + grey. to. Vln. fossil. small sh. blk. + grey. to. Vln. small sh. blk. + grey. to. Vln.	dcw 1/2° Strap 1.29' short
	sh. grey	
	ls. blk. + grey. to. Vln. fossil. small sh. blk. + grey. to. Vln. small sh. blk. + grey. to. Vln.	



